

INTERNATIONAL SEARCH REPORT

PCT/NL 03/00782

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IPC 7	FICATION OF SUBJECT MATTER C07J1/00				
According to	o International Patent Classification (IPC) or to both national class	lication and IPC			
B. FIELDS	SEARCHED '	•	-		
IPC 7	ocumentation searched (classification system tollowed by classific ${\tt C07J}$	ation symbols)			
Documenta	tion searched other than minimum documentation to the extent the	at such documents are inclu	ded in the fields s	earched	
Electronic d	ata base consulted during the international search (name of data	hase and whom provided	count torms uses	A	
	ternal, CHEM ABS Data, BEILSTEIN D				
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with Indication, where appropriate, of the	relevant passages	· · · · · · · · · · · · · · · · · · ·	Relevant to claim No.	
X	FISHMAN J ET AL: "SYNTHESIS OF 15-HYDROXYESTRIOLS, NEW AND POTI METABOLITES OF ESTRADIOL" JOURNAL OF ORGANIC CHEMISTRY, AF CHEMICAL SOCIETY. EASTON, US, vol. 33, no. 8, August 1968 (196 pages 3133-3135, XP009004834 ISSN: 0022-3263 cited in the application the whole document	1-17,22, 23			
X Furth	er documents are listed in the continuation of box C.	V Palant familie me	ombor or Heted t		
		IX Palent tanaly the	embers are listed in	annex.	
"A" documen	egories of cited documents : nt defining the general state of the art which is not ared to be of particular relevance	"T" later document publis or priority date and r cited to understand	not in conflict with t	he application but	
"E" earlier document but published on or after the international filing date "X" document of particular relevance; the daimed invention					
"L" documer which is	nt which may throw doubts on priority claim(s) or s cited to establish the publication date of another or other special reason (as specified)	involve an inventive "Y" document of particula	step when the doc ir relevance: the cli	be considered to sument is taken alone almed invention	
O docume: other m	nt referring to an oral disclosure, use, exhibition or eans	document is combine	ed with one or mor	entive step when the re other such docu- s to a person skilled	
P documer later the	nt published prior to the international filing date but an the priority date claimed	In the art. "&" document member of		·	
Date of the a	ctual completion of the international search	Date of malling of the	international seam		
26	January 2004	. 4	G6 4 \$	1 1 05. 2004	
Name and m	alling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo ni, Fax: (+31–70) 340–3016	Authorized officer Seel mann	. Т		

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	C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT										
-	Category •	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.								
	x	NAMBARA T ET AL: "SYNTHESIS OF ESTEROL MONOGLUCURONIDES" STEROIDS, BUTTERWORTH-HEINEMANN, STONEHAM, MA, US, vol. 27, no. 1, January 1976 (1976-01), pages 111-122, XP009004815 ISSN: 0039-128X cited in the application compounds I-VIA	1-17,22, 23								
	X	SUZUKI E ET AL: "Synthesis of 15alpha-hydroxyestrogen 15-N-acetylglucosaminides" STEROIDS: STRUCTURE, FUNCTION, AND REGULATION, ELSEVIER SCIENCE PUBLISHERS, NEW YORK, NY, US, vol. 60, no. 3, 1 March 1995 (1995-03-01), pages 277-284, XP004026551 ISSN: 0039-128X cited in the application compound 1A-3B	1-17,22, 23								
	х	POIRIER D ET AL: "SYNTHESIS OF 17BETA-ESTRADIOL DERIVATIVES WITH N-BUTYL, N-METHYL ALKYLAMIDE SIDE CHAIN AT POSITION 15" TETRAHEDRON, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 47, no. 37, 1991, pages 7751-7766, XP001122350 ISSN: 0040-4020 compounds 8 and 9	18-21								
	х	DE 21 29 943 A (MERCK & CO INC) 23 December 1971 (1971–12–23) example 10	31								
i	Х	EP 0 646 592 A (KUREHA CHEMICAL IND CO LTD) 5 April 1995 (1995-04-05) examples 1,2	28,29								
	х	US 3 433 785 A (PHILLIPS DONALD K ET AL) 18 March 1969 (1969–03–18) example 1	24,25								
	X	DD 144 266 A (KASCH HELMUT; PONSOLD KURT) 8 October 1980 (1980-10-08) example 1	30,31								
	X	US 3 138 588 A (HERCHEL SMITH) 23 June 1964 (1964-06-23) examples 3,6,12	29								
	X	US 3 177 206 A (SMITH LELAND L ET AL) 6 April 1965 (1965-04-06) example 1	29,30								

INTERNATIONAL SEARCH REPORT

'	INTERNATIONAL SEARCH REPORT				PCT/NL 03/00782		
	ent document in search report		Publication date		Patent family member(s)		Publication date
DE	2129943	Α	23-12-1971	CA	94598		23-04-1974
-				CH	585764	4 A5	15-03-1977
				CH	592114		14-10-1977
				DE	212994:		23-12-1971
				FR	210078		24-03-1972
				GB	132151		27-06-1973
				NL	710750		21-12-1971
				US	367318	D A 	27-06-1972
EP	0646592	Α	05-04-1995	JP	710197	7 A	18-04-1995
				AU	66480		30-11-1995
		•		AU	742319		27-04-1995
				CA	213328		06-04-1995
				EP	064659		05-04-1995
				US	547881		26-12-1995
				US	549113		13-02-1996
				US	556112		01-10-1996
				US	548087		02-01-1996
				US	563339 	3 A	27-05-1997
US	3433785	Α	18-03-1969	GB	119222	4 A	20-05-1970
-				GB	119222	5 A	20-05-1970
DD	144266	A	08-10-1980	DD	14426	6 A1	08-10-1980
US	3138588	Α	23-06-1964	NONE			
115	3177206	Α	06-04-1965	NONE			